

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S2    | 149  | ("4563367" "5888594" "5948166"<br>"6022602" "6095085" "6153529"<br>"6200412" "4365587" "4521717"<br>"4564790" "4597787" "5002632"<br>"5225656" "5284547" "5378510"<br>"5704983" "5985378" "6002097"<br>"6029602" "6225745" "6225745"<br>"4459509" "4762977" "4841114"<br>"4846101" "4904977" "4916273"<br>"4939424" "4948628" "4971651"<br>"4988644" "5019243" "5023056"<br>"5196105" "5198723" "5224117"<br>"5224441" "5248483" "5262032"<br>"5272360" "5275731" "5279154"<br>"5285046" "5298137" "5308977"<br>"5328737" "5349217" "5355764"<br>"5364665" "5393955").pn.<br>("5411426" "5413759" "5433787"<br>"5464667" "5470266" "5471031"<br>"5477048" "5493094" "5525780"<br>"5609777" "5675115" "5707331"<br>"5714009" "5750211" "5753009"<br>"5788778" "5803975" "5853521"<br>"5861190" "5861600" "5866986"<br>"5892328" "5895346" "5895548"<br>"5902404" "5903009" "5909031"<br>"5988104" "5998932" "6002129"<br>"6013155" "6018542" "6026762"<br>"6034346" "6039834" "6079426"<br>"6081414" "6089186" "6110540"<br>"6124834" "6136389" "6163007"<br>"6165313" "6166379" "6172321"<br>"6184623" "6204605" "6230652"<br>"3619812" "3703658").pn.<br>("3892882" "3887466" "3887465"<br>"3882899" "3879295" "3875068"<br>"3849072" "3838809" "3829732"<br>"3818934" "3798489" "4042850"<br>"4048994" "4058252" "4140892"<br>"4149923" "4149931" "4178877"<br>"4094461" "4122292" "4245383"<br>"4253040" "4256120" "4257886"<br>"4264844" "4290848" "4291255"<br>"4299794" "4301391" "4304983"<br>"4306175" "4318767" "4341976"<br>"4343305" "4343760" "4367427"<br>"4372484" "4375825" "4405864"<br>"4409820" "4410124" "4417966"<br>"4430213" "4431898" "4433228"<br>"4434349" "4447220" "4464560"<br>"4475556" "4482246").pn. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/09 15:44 |

|    |     |   |                              |    |    |                  |
|----|-----|---|------------------------------|----|----|------------------|
| S1 | 150 | ("4463616" "4615693" "5200595"<br>"5290993" "5315212" "5432315"<br>"5537508" "5560844" "6126792"<br>"6177765" "5488535" "5732767"<br>"3869633" "3828219" "4308232"<br>"4514716" "4870529" "5213599"<br>"5302424" "5492843" "5837619"<br>"6033493" "6051285" "6254254"<br>"6344080" "6522071" "4981071"<br>"6110544" "4583492" "4808487"<br>"4897285" "5201993" "5211995"<br>"5256245" "5268200" "5271799"<br>"5334454" "5681424" "5958801"<br>"6083341" "6096232" "6133156"<br>"6159333" "6226978" "4282597"<br>"4345293" "4370298" "4419076"<br>"4481229" "4531043").pn.<br>(H000024 "4608243" "4620080"<br>"4628006" "4795720" "4880978"<br>"4897172" "4963265" "4981713"<br>"5005101" "5011706" "5200031"<br>"5211825" "5221424" "5230741"<br>"5232570" "5238499" "5244554"<br>"5266154" "5286532" "5292399"<br>"5299068" "5310621" "5320707"<br>"5362361" "5364499" "5374594"<br>"5393952" "5409802" "5410574"<br>"5426299" "5436035" "5471084"<br>"5473291" "5480378" "5499007"<br>"5520741" "5573891" "5578532"<br>"5580386" "5587869" "5652029"<br>"5662877" "5680013" "5712592"<br>"5714044" "5729261" "5736020"<br>"5737169" "5740009").pn.<br>("5756222" "5766696" "5769951"<br>"5769965" "5779848" "5785878"<br>"5796116" "5801101" "5810937"<br>"5821603" "5840203" "5843233"<br>"5846389" "5858819" "5913140"<br>"5925411" "5959409" "5987335"<br>"6017779" "6017816" "6034433"<br>"6071353" "6089185" "6106664"<br>"6106231" "6113736" "6117714"<br>"6153509" "6162741" "6164295"<br>"6271062" "6277756" "6287980"<br>"6309972" "6335542" "6340644"<br>"6348419" "6368452" "6383333"<br>"6391690" "6444083" "6478035"<br>"6482747" "6613434" "6663748"<br>"6703080" "6718272" "6740393"<br>"6847516" "6852931").pn. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/09 15:44 |
| S3 | 299 | S1 S2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/09 15:56 |

|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S8  | 579245 | (156/345.\$).CCLS. or ("118") or ("216") or ("204") or ("427") or ("438") or ("315")).CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/09 15:59 |
| S7  | 1833   | S5 and S6  | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/09 15:59 |
| S10 | 148    | S9 and (temperature thermal) with (gradient different\$4)  | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/09 16:00 |
| S11 | 14     | ("5080774"   "5135629"   "5135634"   "5228963"   "5240580").PN. OR ("5614071").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/09 16:14 |
| S12 | 6      | ("5614071"   "5837057"   "6059938"   "6296747"   "6475353").PN. OR ("6645357").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/09 16:16 |
| S13 | 8      | ("4909695"   "4915564"   "5516732"   "5658442"   "5820329"   "6143147"   "6258228"   "6645357").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/09 16:17 |
| S9  | 1187   | S7 and S8  | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/09 16:20 |
| S14 | 1039   | S9 not S10   | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/09 16:21 |
| S6  | 52041  | (shield liner protect\$4 near2 (tub\$4 cylindrical cylinder member)) with (segment\$4 divid\$4 piece section\$4 stack\$4)                                      | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/09 16:24 |
| S17 | 156    | S16 not S10  | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/09 16:25 |
| S5  | 76715  | (plasma rie ribe reactive adj ion sputter\$3).ti,ab,clm.   | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/09 16:36 |
| S22 | 136    | (plasma rie ribe reactive adj ion sputter\$3) and S21  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR | ON  | 2005/09/09 16:38 |
| S21 | 2614   | (shield liner protect\$4 near2 (tub\$4 cylindrical cylinder member)) near10 (ring segment\$4 divid\$4 piece section\$4 stack\$4) near10 (chamber wall reactor) | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR | ON  | 2005/09/09 16:38 |
| S19 | 672    | (plasma rie ribe reactive adj ion sputter\$3) and S18  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR | ON  | 2005/09/09 16:38 |
| S23 | 139    | S20 not S22  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR | ON  | 2005/09/09 18:13 |

|     |       |   |                            |    |    |                  |
|-----|-------|---|----------------------------|----|----|------------------|
| S20 | 183   | S19 and (thermal temperature gradient stress distribut\$4 differential)   | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 18:13 |
| S18 | 14744 | (shield liner protect\$4 near2 (tub\$4 cylindrical cylinder member)) and (ring segment\$4 divid\$4 piece section\$4 stack\$4) and (chamber wall reactor)                        | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 18:27 |
| S27 | 508   | S26 not S10 not S16   | US-PGPUB; USPAT            | OR | ON | 2005/09/09 18:28 |
| S26 | 601   | S25 and (thermal temperature) with (gradient stress distribut\$4 differential)  | US-PGPUB; USPAT            | OR | ON | 2005/09/09 18:28 |
| S25 | 2764  | S8 and S24  | US-PGPUB; USPAT            | OR | ON | 2005/09/09 18:28 |
| S24 | 27023 | (shield liner protect\$4 near2 (tub\$4 cylindrical cylinder member)) with (plurality two second ring segment\$4 divid\$4 piece section\$4 stack\$4) same (chamber wall reactor) | US-PGPUB; USPAT            | OR | ON | 2005/09/09 18:28 |
| S16 | 172   | S15 same (thermal temperature) with (gradient stress distribut\$4 differential)   | US-PGPUB; USPAT            | OR | ON | 2005/09/09 18:28 |
| S28 | 13    | ("4399546"   "4981551"   "5367139"   "5444217"   "5460684"   "5494523"   "5538230"   "5569356"   "5584936"   "5641375"   "5725675"   "5788799"   "5904800").PN.                 | US-PGPUB; USPAT; USOCR     | OR | ON | 2005/09/09 18:52 |
| S29 | 10    | ("4960488"   "5085727"   "5089441"   "5174858"   "5252892"   "5366585"   "5472509"   "5552124"   "5578131"   "5647913").PN.   | US-PGPUB; USPAT; USOCR     | OR | ON | 2005/09/09 18:57 |
| S30 | 53    | ("3623968"   "4473455"   "5047115"   "5082547"   "5085727"   "5099100"   "5330607"   "5348587").PN. OR ("5641375").URPN.  | US-PGPUB; USPAT; USOCR     | OR | ON | 2005/09/09 19:08 |

|     |       |  |                              |    |    |                  |
|-----|-------|--|------------------------------|----|----|------------------|
| S31 | 27    | ("4340462"   "4491496"  <br>"4690793"   "4948458"  <br>"5006220"   "5022979"  <br>"5085727"   "5182059"  <br>"5200232"   "5262029"  <br>"5292399"   "5366585"  <br>"5556501"   "5569356"  <br>"5641375"   "5680013"  <br>"5788799"   "5798016"  <br>"5820723"   "5838529"  <br>"5863376"   "5885356"  <br>"5888907"   "5895586"  <br>"5904778").PN. OR ("6408786").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/09 19:12 |
| S32 | 83    | ("3993509"   "4184188"  <br>"4354911"   "4384918"  <br>"4401054"   "4525375"  <br>"4709655"   "4902934"  <br>"4910042"   "4913929"  <br>"4962727"   "4987857"  <br>"4996077"   "5009920"  <br>"5024748"   "5027746"  <br>"5047115"   "5080039"  <br>"5094885").PN. OR ("5200232").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/09 19:15 |
| S33 | 12    | ("5348587"   "5605637"  <br>"5641375"   "5851299"  <br>"5882411"   "5900064"  <br>"5951775"   "5964947"  <br>"5976308"   "5977519").PN. OR<br>("6277237").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/09 19:22 |
| S34 | 5     | ("20020102858"   "5948704"  <br>"6277237"   "6403491"  <br>"6527865").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/09 19:30 |
| S35 | 2     | ("6613587").URPN.  | USPAT                        | OR | ON | 2005/09/09 19:31 |
| S36 | 4     | (honjou near2 fumikane hasegawa<br>near2 kazunori okunishi near2<br>hiroki).in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/15 20:16 |
| S38 | 20    | (plasma rie ribe reactive adj ion<br>sputter\$3).clm. and (shield liner<br>protect\$4 near2 (tub\$4 cylindrical<br>cylinder member)).clm. and S37  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/15 20:17 |
| S37 | 25754 | (matsushita adj electric adj<br>industrial).as.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/15 20:17 |
| S4  | 11827 | (plasma rie ribe reactive adj ion<br>sputter\$3).ti,ab,clm. and (shield<br>liner protect\$4 near2 (tub\$4<br>cylindrical cylinder member))   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/15 20:17 |
| S39 | 24    | S36 S38  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/15 20:20 |

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S40 | 1  | "20040168631".did.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/15 20:21 |
| S44 | 1  | S41 and inductive  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 20:23 |
| S43 | 1  | S41 and helicon  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 20:23 |
| S42 | 2  | S41 and ecr  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 20:23 |
| S41 | 11 | (US-20020090464-\$).did. or<br>(US-5200232-\$ or US-5614071-\$<br>or US-5788799-\$ or US-6277237-\$<br>or US-6408786-\$ or US-6613587-\$<br>or US-6645357-\$).did. or<br>(JP-2000200778-\$ or<br>JP-2005036300-\$).did. or<br>(WO-200000999-\$).did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT                            | OR | ON | 2005/09/15 20:23 |
| S45 | 2  | S42 S43 S44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 20:24 |
| S46 | 5  | S41 and groove   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 20:36 |
| S47 | 5  | ("5614071"   "5837057"  <br>"6059938"   "6296747"  <br>"6475353").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/15 20:37 |
| L20 | 14 | ("5080774"   "5135629"  <br>"5135634"   "5228963"  <br>"5240580").PN. OR ("5614071").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/16 12:42 |

|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| L21 | 14     | ("3514391"   "4724060"   "5064698"   "5135629"   "5614071"   "5632869"   "5656093"   "5711813"   "5804046"   "5837057"   "8530330").PN. OR ("6162297").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/16 12:44 |
| S15 | 12757  | (shield liner protect\$4 near2 (tub\$4 cylindrical cylinder member)) with (segment\$4 divid\$4 piece section\$4 stack\$4) same (chamber wall reactor)        | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/16 12:48 |
| L23 | 579743 | (156/345.\$).CCLS. or (("118") or ("216") or ("204") or ("427") or ("438") or ("315")).CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 12:48 |
| L22 | 2501   | (shield liner protect\$4 near2 (tub\$4 cylindrical cylinder member)) with (groove) same (chamber wall reactor)   | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/16 12:48 |
| L24 | 140    | 22 and L23   | US-PGPUB;<br>USPAT  | OR | ON  | 2005/09/16 12:50 |
| L25 | 1      | ("6797639").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/09/16 12:51 |